

SCORE Search Results Details for Application 10552515 and Search Result 20080630_144103_us-10-552-515-4.rai

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This page gives you Search Results detail for the Application 10552515 and Search Result 20080630_144103_us-10-552-515-4.rai.

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OM protein - protein search, using sw model

Run on: June 30, 2008, 17:46:21 ; Search time 40 Seconds
(without alignments)
42.303 Million cell updates/sec

Title: US-10-552-515-4
Perfect score: 42
Sequence: 1 VLLEVVPDV 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1143754 seqs, 186252778 residues

Total number of hits satisfying chosen parameters: 1143754

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:
1: /ABSS/Data/CRF/ptodata/1/iaa/5_COMB.pep:
2: /ABSS/Data/CRF/ptodata/1/iaa/6_COMB.pep:
3: /ABSS/Data/CRF/ptodata/1/iaa/7_COMB.pep:
4: /ABSS/Data/CRF/ptodata/1/iaa/H_COMB.pep:
5: /ABSS/Data/CRF/ptodata/1/iaa/PCTUS_COMB.pep:
6: /ABSS/Data/CRF/ptodata/1/iaa/RE_COMB.pep:
7: /ABSS/Data/CRF/ptodata/1/iaa/backfiles1.pep:
*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

%

Result Query

| No. | Score | Match | Length | DB | ID | Description |
|-----|-------|-------|--------|----|----------------------|-------------------|
| 1 | 37 | 88.1 | 195 | 3 | US-10-703-032-118540 | Sequence 118540, |
| 2 | 36 | 85.7 | 258 | 2 | US-08-737-226-6 | Sequence 6, Appli |
| 3 | 35 | 83.3 | 331 | 3 | US-11-216-782-11932 | Sequence 11932, A |
| 4 | 34 | 81.0 | 218 | 2 | US-09-902-540-11584 | Sequence 11584, A |
| 5 | 33 | 78.6 | 563 | 3 | US-10-369-493-21972 | Sequence 21972, A |
| 6 | 33 | 78.6 | 1112 | 3 | US-10-794-342-12 | Sequence 12, Appl |
| 7 | 32 | 76.2 | 188 | 2 | US-09-107-532A-5312 | Sequence 5312, Ap |
| 8 | 32 | 76.2 | 219 | 3 | US-10-703-032-130999 | Sequence 130999, |
| 9 | 32 | 76.2 | 323 | 3 | US-09-992-430B-22 | Sequence 22, Appl |
| 10 | 32 | 76.2 | 341 | 2 | US-09-543-681A-4713 | Sequence 4713, Ap |
| 11 | 32 | 76.2 | 344 | 2 | US-09-415-277C-5 | Sequence 5, Appli |
| 12 | 32 | 76.2 | 344 | 3 | US-10-826-081-25 | Sequence 25, Appl |
| 13 | 32 | 76.2 | 352 | 3 | US-10-369-493-626 | Sequence 626, App |
| 14 | 32 | 76.2 | 463 | 2 | US-09-710-279-960 | Sequence 960, App |
| 15 | 32 | 76.2 | 529 | 3 | US-09-201-228B-275 | Sequence 275, App |
| 16 | 32 | 76.2 | 529 | 3 | US-11-450-517-49 | Sequence 49, Appl |
| 17 | 32 | 76.2 | 704 | 3 | US-10-369-493-21199 | Sequence 21199, A |
| 18 | 32 | 76.2 | 720 | 3 | US-11-216-782-9939 | Sequence 9939, Ap |
| 19 | 32 | 76.2 | 10182 | 2 | US-09-134-001C-3159 | Sequence 3159, Ap |
| 20 | 32 | 76.2 | 10203 | 3 | US-09-450-969-4098 | Sequence 4098, Ap |
| 21 | 32 | 76.2 | 10203 | 3 | US-10-724-972B-4098 | Sequence 4098, Ap |
| 22 | 31 | 73.8 | 43 | 3 | US-10-703-032-171338 | Sequence 171338, |
| 23 | 31 | 73.8 | 84 | 2 | US-09-513-999C-7215 | Sequence 7215, Ap |
| 24 | 31 | 73.8 | 84 | 3 | US-10-793-479-7215 | Sequence 7215, Ap |
| 25 | 31 | 73.8 | 112 | 3 | US-10-703-032-146726 | Sequence 146726, |
| 26 | 31 | 73.8 | 143 | 3 | US-11-216-782-11050 | Sequence 11050, A |
| 27 | 31 | 73.8 | 150 | 3 | US-10-703-032-188058 | Sequence 188058, |
| 28 | 31 | 73.8 | 154 | 3 | US-10-703-032-123043 | Sequence 123043, |
| 29 | 31 | 73.8 | 199 | 2 | US-09-107-532A-6681 | Sequence 6681, Ap |
| 30 | 31 | 73.8 | 237 | 3 | US-10-810-352-82 | Sequence 82, Appl |
| 31 | 31 | 73.8 | 237 | 3 | US-10-965-017-32 | Sequence 32, Appl |
| 32 | 31 | 73.8 | 237 | 3 | US-11-452-138-41 | Sequence 41, Appl |
| 33 | 31 | 73.8 | 320 | 2 | US-09-248-796A-18068 | Sequence 18068, A |
| 34 | 31 | 73.8 | 325 | 2 | US-09-543-681A-4269 | Sequence 4269, Ap |
| 35 | 31 | 73.8 | 325 | 2 | US-09-489-039A-8339 | Sequence 8339, Ap |
| 36 | 31 | 73.8 | 329 | 2 | US-09-107-532A-3759 | Sequence 3759, Ap |
| 37 | 31 | 73.8 | 342 | 2 | US-09-415-277C-8 | Sequence 8, Appli |
| 38 | 31 | 73.8 | 342 | 2 | US-09-734-237B-46 | Sequence 46, Appl |
| 39 | 31 | 73.8 | 342 | 3 | US-10-451-467A-352 | Sequence 352, App |
| 40 | 31 | 73.8 | 343 | 2 | US-09-734-237B-48 | Sequence 48, Appl |
| 41 | 31 | 73.8 | 345 | 3 | US-10-875-100-110 | Sequence 110, App |
| 42 | 31 | 73.8 | 355 | 3 | US-09-252-691C-9776 | Sequence 9776, Ap |
| 43 | 31 | 73.8 | 392 | 1 | US-08-423-441-2 | Sequence 2, Appli |
| 44 | 31 | 73.8 | 393 | 2 | US-09-248-796A-20643 | Sequence 20643, A |
| 45 | 31 | 73.8 | 410 | 3 | US-10-369-493-19854 | Sequence 19854, A |

ALIGNMENTS

RESULT 1

US-10-703-032-118540

; Sequence 118540, Application US/10703032

; Patent No. 7214786

; GENERAL INFORMATION:

;
 APPLICANT: Kovalic, David K.
 APPLICANT: Andersen, Scott E.
 APPLICANT: Byrum, Joseph R.
 APPLICANT: Conner, Timothy W.
 APPLICANT: Cao, Yongwei
 APPLICANT: Masucci, James D.
 APPLICANT: Zhou, Yihua
 TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
 TITLE OF INVENTION: Plants
 FILE REFERENCE: 38-21(53374)B
 CURRENT APPLICATION NUMBER: US/10/703,032
 CURRENT FILING DATE: 2003-11-06
 PRIOR APPLICATION NUMBER: 10/020,338
 PRIOR FILING DATE: 2001-12-12
 NUMBER OF SEQ ID NOS: 211164
 SEQ ID NO 118540
 LENGTH: 195
 TYPE: PRT
 ORGANISM: Triticum aestivum
 FEATURE:
 NAME/KEY: unsure
 LOCATION: (1)..(195)
 OTHER INFORMATION: unsure at all Xaa locations
 FEATURE:
 OTHER INFORMATION: Clone ID: PAT_TA_12958.pep

US-10-703-032-118540

Query Match 88.1%; Score 37; DB 3; Length 195;
 Best Local Similarity 66.7%; Pred. No. 17;
 Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VLLEVVPDV 9
 ::|||:|||
 Db 181 IVLEVIPDV 189

RESULT 2

US-08-737-226-6

;
 Sequence 6, Application US/08737226
 Patent No. 6143525
 GENERAL INFORMATION:
 APPLICANT: NAUTA, Arjan
 APPLICANT: VENEMA, Gerard
 APPLICANT: KOK, Jan
 APPLICANT: LEDEBOER, Adrianus Marinus
 TITLE OF INVENTION: Complex Inducible Promoter System
 TITLE OF INVENTION: Derivable From A Phage Of A Lactic Acid Bacterium (LAB),
 TITLE OF INVENTION: And Its Use In A LAB For Production Of A Desired Protein
 NUMBER OF SEQUENCES: 11
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pillsbury Madison & Sutro, L.L.P.
 STREET: 1100 New York Avenue, N.W.
 CITY: Washington
 STATE: D.C.
 COUNTRY: U.S.A.
 ZIP: 20005-3918
 COMPUTER READABLE FORM:

;
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: MS Word
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/737,226
 FILING DATE: 03-Apr-1997
 CLASSIFICATION: 435
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 258 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein

US-08-737-226-6

Query Match 85.7%; Score 36; DB 2; Length 258;
 Best Local Similarity 77.8%; Pred. No. 37;
 Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 VLLEVVPDV 9
 ||:| ||||
 Db 189 VLIEAVPDV 197

RESULT 3

US-11-216-782-11932

;
 Sequence 11932, Application US/11216782
 ;
 Patent No. 7319142
 ;
 GENERAL INFORMATION:
 ;
 APPLICANT: Goldman, Barry S.
 ;
 APPLICANT: Krasomil-Osterfeld, Karina C.
 ;
 APPLICANT: Malvar, Thomas Michael.
 ;
 APPLICANT: Pitkin, John W
 ;
 APPLICANT: Slater, Steven C.
 ;
 APPLICANT: Wu, Wei
 ;
 APPLICANT: Zeng, Jiamin
 ;
 TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES
 ;
 TITLE OF INVENTION: FROM XENORHABDUS AND USES THEREOF
 ;
 FILE REFERENCE: 38-21 (52053) B
 ;
 CURRENT APPLICATION NUMBER: US/11/216,782
 ;
 CURRENT FILING DATE: 2005-08-31
 ;
 PRIOR APPLICATION NUMBER: US 60/606,098
 ;
 PRIOR FILING DATE: 2004-08-31
 ;
 NUMBER OF SEQ ID NOS: 16918
 ;
 SEQ ID NO 11932
 ;
 LENGTH: 331
 ;
 TYPE: PRT
 ;
 ORGANISM: Xenorhabdus bovienii
 ;
 FEATURE:
 ;
 OTHER INFORMATION: Coding DNA sequence: Name=SeqID_5824
 ;
 FEATURE:
 ;
 OTHER INFORMATION: Gene classification: Gene name=DgoA; Function=O-succinylbenzoate
 ;
 OTHER INFORMATION: synthase and related enzymes; Function class=H Coenzyme metabolism
 ;
 FEATURE:
 ;
 OTHER INFORMATION: Homolog annotation: Query=1..323bp; Hit=1..317bp; Blast score=407;
 ;
 OTHER INFORMATION: Percent Identity=63.0; E value=1e-114; Homolog= ZmenC COG1441

US-11-216-782-11932

Query Match 83.3%; Score 35; DB 3; Length 331;
 Best Local Similarity 77.8%; Pred. No. 78;
 Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 VLLEVVPDV 9
 |||| |||:
 Db 154 VLLEAVPDL 162

RESULT 4

US-09-902-540-11584

; Sequence 11584, Application US/09902540
 ; Patent No. 6833447
 ; GENERAL INFORMATION:
 ; APPLICANT: Goldman, Barry S.
 ; APPLICANT: Hinkle, Gregory J.
 ; APPLICANT: Slater, Steven C.
 ; APPLICANT: Wiegand, Roger C.
 ; TITLE OF INVENTION: *Myxococcus xanthus* Genome Sequences and Uses Thereof
 ; FILE REFERENCE: 38-10(15849)B
 ; CURRENT APPLICATION NUMBER: US/09/902,540
 ; CURRENT FILING DATE: 2001-07-10
 ; PRIOR APPLICATION NUMBER: 60/217,883
 ; PRIOR FILING DATE: 2000-07-10
 ; NUMBER OF SEQ ID NOS: 16825
 ; SEQ ID NO 11584
 ; LENGTH: 218
 ; TYPE: PRT
 ; ORGANISM: *Myxococcus xanthus*

US-09-902-540-11584

Query Match 81.0%; Score 34; DB 2; Length 218;
 Best Local Similarity 77.8%; Pred. No. 78;
 Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 VLLEVVPDV 9
 || ||:|||:
 Db 117 VLAEVLPDV 125

RESULT 5

US-10-369-493-21972

; Sequence 21972, Application US/10369493
 ; Patent No. 7314974
 ; GENERAL INFORMATION:
 ; APPLICANT: Cao, Yongwei
 ; APPLICANT: Hinkle, Gregory J.
 ; APPLICANT: Slater, Steven C.
 ; APPLICANT: Goldman, Barry S.
 ; APPLICANT: Chen, Xianfeng
 ; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
 ; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
 ; FILE REFERENCE: 38-10(52052)B
 ; CURRENT APPLICATION NUMBER: US/10/369,493
 ; CURRENT FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: US 60/360,039
 ; PRIOR FILING DATE: 2002-02-21
 ; NUMBER OF SEQ ID NOS: 47374
 ; SEQ ID NO 21972
 ; LENGTH: 563
 ; TYPE: PRT
 ; ORGANISM: *Saccharomyces cerevisiae*
 US-10-369-493-21972

Query Match 78.6%; Score 33; DB 3; Length 563;
 Best Local Similarity 75.0%; Pred. No. 3.6e+02;
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LLEVVPDV 9
 ||:|:|||
 Db 333 LLKVIPDV 340

RESULT 6
 US-10-794-342-12
 ; Sequence 12, Application US/10794342
 ; Patent No. 7041491
 ; GENERAL INFORMATION:
 ; APPLICANT: Inohara, Naohiro
 ; APPLICANT: Nunez, Gabriel
 ; TITLE OF INVENTION: NOD Nucleic Acids and Polypeptides
 ; FILE REFERENCE: UM-08922
 ; CURRENT APPLICATION NUMBER: US/10/794,342
 ; CURRENT FILING DATE: 2004-03-05
 ; NUMBER OF SEQ ID NOS: 22
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 12
 ; LENGTH: 1112
 ; TYPE: PRT
 ; ORGANISM: *Homo sapiens*
 US-10-794-342-12

Query Match 78.6%; Score 33; DB 3; Length 1112;
 Best Local Similarity 85.7%; Pred. No. 7.6e+02;
 Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LLEVVPD 8
 ||||:|||
 Db 40 LLEVIPD 46

RESULT 7
 US-09-107-532A-5312
 ; Sequence 5312, Application US/09107532A
 ; Patent No. 6583275
 ; GENERAL INFORMATION:
 ; APPLICANT: Lynn A Doucette-Stamm and David Bush
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
 ; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
 ; NUMBER OF SEQUENCES: 7310
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: GENOME THERAPEUTICS CORPORATION

; STREET: 100 Beaver Street
 ; CITY: Waltham
 ; STATE: Massachusetts
 ; COUNTRY: USA
 ; ZIP: 02354
 COMPUTER READABLE FORM:
 ; MEDIUM TYPE: CD-ROM ISO9660
 ; COMPUTER: PC
 ; OPERATING SYSTEM: <Unknown>
 ; SOFTWARE: ASCII
 CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/107,532A
 ; FILING DATE: 30-Jun-1998
 PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/085,598
 ; FILING DATE: 14 May 1998
 ; APPLICATION NUMBER: 60/051571
 ; FILING DATE: July 2, 1997
 ATTORNEY/AGENT INFORMATION:
 ; NAME: Ariniello, Pamela Deneke
 ; REGISTRATION NUMBER: 40,489
 ; REFERENCE/DOCKET NUMBER: GTC-012
 TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (781)893-5007
 ; TELEFAX: (781)893-8277
 INFORMATION FOR SEQ ID NO: 5312:
 SEQUENCE CHARACTERISTICS:
 ; LENGTH: 188 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: YES
 ORIGINAL SOURCE:
 ; ORGANISM: Enterococcus faecium
 FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (B) LOCATION 1...188
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 5312:
 US-09-107-532A-5312

Query Match 76.2%; Score 32; DB 2; Length 188;
 Best Local Similarity 66.7%; Pred. No. 1.7e+02;
 Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 VLLEVVPDV 9
 |:|| |||:
 Db 44 VILEGVPDI 52

RESULT 8
 US-10-703-032-130999
 ; Sequence 130999, Application US/10703032
 ; Patent No. 7214786
 ; GENERAL INFORMATION:
 ; APPLICANT: Kovalic, David K.
 ; APPLICANT: Andersen, Scott E.
 ; APPLICANT: Byrum, Joseph R.

; APPLICANT: Conner, Timothy W.
; APPLICANT: Cao, Yongwei
; APPLICANT: Masucci, James D.
; APPLICANT: Zhou, Yihua
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53374)B
; CURRENT APPLICATION NUMBER: US/10/703,032
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: 10/020,338
; PRIOR FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 130999
; LENGTH: 219
; TYPE: PRT
; ORGANISM: Triticum aestivum
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(219)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_TA_25417.pep
US-10-703-032-130999

Query Match 76.2%; Score 32; DB 3; Length 219;
Best Local Similarity 66.7%; Pred. No. 2e+02;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 VLLEVVPDV 9
|:::|||||
Db 116 VVISVVPDV 124

RESULT 9
US-09-992-430B-22
; Sequence 22, Application US/09992430B
; Patent No. 7109010
; GENERAL INFORMATION:
; APPLICANT: Rajgarhia, Vineet
; TITLE OF INVENTION: Methods and materials for synthesis of organic products
; FILE REFERENCE: 00-1237-A
; CURRENT APPLICATION NUMBER: US/09/992,430B
; CURRENT FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/252,541
; PRIOR FILING DATE: 2000-11-22
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Kluyveromyces thermotolerans
US-09-992-430B-22

Query Match 76.2%; Score 32; DB 3; Length 323;
Best Local Similarity 44.4%; Pred. No. 3.1e+02;
Matches 4; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VLLEVVPDV 9
 ::||::|:
 Db 109 IMLEIIPNV 117

RESULT 10

US-09-543-681A-4713

; Sequence 4713, Application US/09543681A

; Patent No. 6605709

; GENERAL INFORMATION:

; APPLICANT: GARY BRETON

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
FOR

; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

; FILE REFERENCE: 2709.1002-001

; CURRENT APPLICATION NUMBER: US/09/543,681A

; CURRENT FILING DATE: 2000-04-05

; PRIOR APPLICATION NUMBER: US 60/128,706

; PRIOR FILING DATE: 1999-04-09

; NUMBER OF SEQ ID NOS: 8344

; SEQ ID NO 4713

; LENGTH: 341

; TYPE: PRT

; ORGANISM: Proteus mirabilis

US-09-543-681A-4713

Query Match 76.2%; Score 32; DB 2; Length 341;
 Best Local Similarity 75.0%; Pred. No. 3.2e+02;
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LLEVVPDV 9
 ||||::|||
 Db 181 LLELLPDV 188

RESULT 11

US-09-415-277C-5

; Sequence 5, Application US/09415277C

; Patent No. 6531308

; GENERAL INFORMATION:

; APPLICANT: Hershberger, Charles

; APPLICANT: Payson, Robert

; TITLE OF INVENTION: Ketoreductase Gene and Protein from Yeast

; FILE REFERENCE: X-11325A

; CURRENT APPLICATION NUMBER: US/09/415,277C

; CURRENT FILING DATE: 1999-10-08

; PRIOR APPLICATION NUMBER: US 09/182,985

; PRIOR FILING DATE: 1998-10-30

; NUMBER OF SEQ ID NOS: 17

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 5

; LENGTH: 344

; TYPE: PRT

; ORGANISM: s. cerevisiae

US-09-415-277C-5

Query Match 76.2%; Score 32; DB 2; Length 344;

Best Local Similarity 71.4%; Pred. No. 3.3e+02;
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 LEVVPDV 9
 ||:|||:
 Db 54 LEIVPDI 60

RESULT 12

US-10-826-081-25

; Sequence 25, Application US/10826081
 ; Patent No. 7083962
 ; GENERAL INFORMATION:
 ; APPLICANT: Kimoto, No. 7083962ihiro
 ; APPLICANT: Yamamoto, Hiroaki
 ; APPLICANT: Nakajima, Takanori
 ; TITLE OF INVENTION: Carbonyl reductases, polynucleotides comprising
 ; TITLE OF INVENTION: DNA encoding the same, methods for producing the same,
 ; TITLE OF INVENTION: and methods for producing optically active alcohol
 ; TITLE OF INVENTION: utilizing the same
 ; FILE REFERENCE: SHZ-021
 ; CURRENT APPLICATION NUMBER: US/10/826,081
 ; CURRENT FILING DATE: 2004-04-15
 ; PRIOR APPLICATION NUMBER: JP 2003-163015
 ; PRIOR FILING DATE: 2003-06-06
 ; PRIOR APPLICATION NUMBER: JP 2003-113402
 ; PRIOR FILING DATE: 2003-04-17
 ; NUMBER OF SEQ ID NOS: 25
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 25
 ; LENGTH: 344
 ; TYPE: PRT
 ; ORGANISM: Saccharomyces cerevisiae

US-10-826-081-25

Query Match 76.2%; Score 32; DB 3; Length 344;
 Best Local Similarity 71.4%; Pred. No. 3.3e+02;
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 LEVVPDV 9
 ||:|||:
 Db 54 LEIVPDI 60

RESULT 13

US-10-369-493-626

; Sequence 626, Application US/10369493
 ; Patent No. 7314974
 ; GENERAL INFORMATION:
 ; APPLICANT: Cao, Yongwei
 ; APPLICANT: Hinkle, Gregory J.
 ; APPLICANT: Slater, Steven C.
 ; APPLICANT: Goldman, Barry S.
 ; APPLICANT: Chen, Xianfeng
 ; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
 ; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
 ; FILE REFERENCE: 38-10(52052)B

;
 CURRENT APPLICATION NUMBER: US/10/369,493
 CURRENT FILING DATE: 2003-02-28
 PRIOR APPLICATION NUMBER: US 60/360,039
 PRIOR FILING DATE: 2002-02-21
 NUMBER OF SEQ ID NOS: 47374
 SEQ ID NO 626
 LENGTH: 352
 TYPE: PRT
 ORGANISM: Deinococcus radiodurans
 US-10-369-493-626

Query Match 76.2%; Score 32; DB 3; Length 352;
 Best Local Similarity 77.8%; Pred. No. 3.4e+02;
 Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

| | |
|----|-----------------|
| Qy | 1 VLLEVVPDV 9 |
| | |
| Db | 23 VLREVAPDV 31 |

RESULT 14
 US-09-710-279-960
 ;
 Sequence 960, Application US/09710279
 ;
 Patent No. 6703492
 ;
 GENERAL INFORMATION:
 ;
 APPLICANT: KIMMERLY, WILLIAM JOHN
 ;
 TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
 ;
 FILE REFERENCE: PU3480US
 ;
 CURRENT APPLICATION NUMBER: US/09/710,279
 ;
 CURRENT FILING DATE: 2000-11-09
 ;
 PRIOR APPLICATION NUMBER: 60/164,258
 ;
 PRIOR FILING DATE: 1999-11-09
 ;
 NUMBER OF SEQ ID NOS: 4472
 ;
 SOFTWARE: PatentIn Ver. 2.1
 ;
 SEQ ID NO 960
 ;
 LENGTH: 463
 ;
 TYPE: PRT
 ;
 ORGANISM: Artificial Sequence
 ;
 FEATURE:
 ;
 OTHER INFORMATION: Description of Artificial Sequence: synthetic
 ;
 OTHER INFORMATION: amino acid sequence
 ;
 FEATURE:
 ;
 NAME/KEY: MOD_RES
 ;
 LOCATION: (463)
 ;
 OTHER INFORMATION: variable amino acid
 US-09-710-279-960

Query Match 76.2%; Score 32; DB 2; Length 463;
 Best Local Similarity 100.0%; Pred. No. 4.6e+02;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

| | |
|----|-----------------|
| Qy | 1 VLLEVVP 7 |
| | |
| Db | 394 VLLEVVP 400 |

RESULT 15

US-09-201-228B-275

; Sequence 275, Application US/09201228B

; Patent No. 7041490

; GENERAL INFORMATION:

; APPLICANT: Griffais, Remy

; APPLICANT: Hoiseth, Susan K.

; APPLICANT: Zagursky, Robert John

; APPLICANT: Metcalf, Benjamin J.

; APPLICANT: Peek, Joel A.

; APPLICANT: Sankaran, Banumathi

; APPLICANT: Fletcher, Leah Diane

; TITLE OF INVENTION: CHLAMYDIA TRACHOMATIS POLYNUCLEOTIDES AND VECTORS, RECOMBINANT HOST CELLS,

; TITLE OF INVENTION: DNA CHIPS OR KITS CONTAINING THE SAME

; FILE REFERENCE: GEN-T109X

; CURRENT APPLICATION NUMBER: US/09/201,228B

; CURRENT FILING DATE: 1998-11-30

; PRIOR APPLICATION NUMBER: US 60/107,077

; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: FR 97-16034

; PRIOR FILING DATE: 1997-12-17

; PRIOR APPLICATION NUMBER: FR 97-15041

; PRIOR FILING DATE: 1997-11-28

; NUMBER OF SEQ ID NOS: 5982

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 275

; LENGTH: 529

; TYPE: PRT

; ORGANISM: Chlamydia trachomatis

US-09-201-228B-275

Query Match 76.2%; Score 32; DB 3; Length 529;

Best Local Similarity 55.6%; Pred. No. 5.3e+02;

Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 VLLEVVPDV 9

Db 238 VCLQIVPDI 246

Search completed: June 30, 2008, 17:51:38

Job time : 39.625 secs